

CLAIMS

What is claimed is:

1 1. A method of providing streaming content from the Internet to a telephone using a
2 computer system, the computer system including a telephone interface system coupled in
3 communications with an Internet access system, the telephone interface system being
coupled in communications with the telephone, the method comprising:

5 receiving an Internet access request, the Internet access request corresponding to
6 an Internet site outside of the computer system;
7 receiving the streaming content from the Internet site, the streaming content
8 including an audio portion; and
9 sending at least the audio portion of the streaming content over the telephone
10 interface system to send an audio signal, corresponding to the audio portion, to
11 the telephone.

1 2. The method of claim 1, wherein the receiving the Internet access request comprises
2 receiving a verbal request to access the Internet site and performing voice recognition on
3 the verbal request to determine the Internet access request.

1 3. The method of claim 1, wherein the receiving the Internet access request comprises
2 receiving a series of one or more touch tone signals and decoding the series of one or more
3 touch tone signals to determine the Internet access request.

1 4. The method of claim 1, further comprising providing a menu corresponding to
2 accessible Internet sites, and wherein the receiving the Internet access request corresponds
3 to receiving a selection from the menu.

1 5. The method of claim 1, further comprising determining the type of streaming
2 content and converting the corresponding type of streaming content into an audio portion.

1 6. The method of claim 1, wherein the Internet access system includes a web server,
2 wherein the web server connects to the Internet site to receive the streaming content.

1 7. The method of claim 1, wherein the streaming content is received as packet data
2 from a packet switched network and wherein the telephone interface system communicates
3 the audio signal to the Public Switched Telephone Network.

1 8. The method of claim 1, wherein the Internet access request is translated into a URI.

1 9. The method of claim 1, wherein the computer system includes personalized
2 content information and wherein the Internet access request is generated from the
3 personalized content information.

1 10. The method of claim 1, wherein the computer system further comprises a local
2 streaming content system, the local streaming content system including a second
3 streaming content, the second streaming content including at least a second audio portion,
4 and wherein the method further comprises accessing the local streaming content system to
5 provide a second audio signal corresponding to the second audio portion to the telephone.

1 11. The method of claim 10, further comprising mixing the audio portion with the
2 second audio portion and wherein the audio signal corresponds to the mix.

1 12. The method of claim 10, wherein the computer system further comprises an audio
2 repository, wherein the method further comprises accessing the audio content from the
3 repository to provide to the telephone, and mixing the audio portion with the second audio
4 portion and the audio content.

1 13. The method of claim 1, wherein the computer system further comprises an audio
2 repository and wherein the method further comprises accessing the audio content from the
3 repository to provide to the telephone.

1 14. The method of claim 1, further comprising receiving a command, the command
2 corresponding to a request by the telephone user to adjust the sending of the audio portion,
3 and adjusting the sending of the audio portion.

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1 15. The method of claim 13, wherein the command corresponds to a pause command,
2 and wherein the sending the audio portion is paused and wherein a pause command is sent
3 out to the Internet site.

1 16. The method of claim 1, wherein the command corresponds to a pause command,
2 and wherein the sending the audio portion is paused and wherein at least the audio portion
3 of the streaming content is cached during the pause.

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1 17. A computer system to deliver streaming content from the Internet to a telephone,
2 the computer system comprising:
3 an Internet interface including at least one program to receive the streaming
4 content from the Internet and extract a streaming audio signal from the
5 streaming content;
6 a telephone interface to send an audio signal to the telephone, the audio signal
7 corresponding to the streaming audio signal; and
8 a control subsystem to control the Internet interface and the telephone interface.

1 18. The computer system of claim 17, further comprising an audio repository storing
2 audio storing sounds, and the computer system includes a second program to cause at least
3 some sounds to be mixed with the streaming audio signal.

1 19. The computer system of claim 18, wherein the second computer mixes by adding
2 the at least some sounds to the streaming audio signal.

1 20. The computer system of claim 18, wherein the second computer mixes by inserting
2 the at least some sounds into the streaming audio signal.

1 21. The computer system of claim 18, wherein at least one sound is an advertisement.

1 22. The computer system of claim 21, wherein the computer system includes personal
2 preference information and wherein the advertisement is chosen based at least partially
3 upon the personal preference information.

1 23. The computer system of claim 18, wherein at least one sound is a system prompt.

1 24. The computer system of claim 17, wherein the telephone interface subsystem
2 includes a call manager, the call manager supporting multiple simultaneous telephone calls
3 over the telephone interface, at least one of the simultaneous telephone calls receiving the
4 streaming audio signal.

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1 ~~25.~~ A computer system delivering streaming content to a telephone, the streaming
2 content being received from a Internet streaming content server, the computer system
3 comprising:
4 means for receiving an Internet access request, the Internet access request
5 corresponding to an Internet site outside of the computer system;
6 means for receiving the streaming content from the Internet streaming content
7 server, the streaming content including an audio portion; and
8 means for sending at least the audio portion of the streaming to the telephone.